

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1.-10. (Canceled)

11. (New) A system for testing a control process in a vehicle, comprising:
 - a component for triggering the control process;
 - a simulation model that responds to the control process to be tested;
 - an experiment software superimposed upon the simulation model;
 - an arrangement for forming a signal pattern between the experiment software and the component for triggering the control process;
 - an arrangement for dividing the signal pattern into at least two signals by at least two intervention points; and
 - an arrangement for providing at least one identifier that enables the at least two signals to be assigned to the signal pattern.
12. (New) The system as recited in Claim 11, wherein the intervention points are provided with identifiers.
13. (New) The system as recited in Claim 11, wherein the at least two signals are provided with identifiers.
14. (New) The system as recited in Claim 11, wherein the at least two signals are assigned to different signal groups.
15. (New) The system as recited in Claim 14, wherein the different signal groups are represented optically.
16. (New) The system as recited in Claim 13, wherein the identifiers are variable and enable the at least two signals to be assigned to different signal patterns.
17. (New) The system as recited in Claim 11, wherein a first signal that replaces another signal can be input into the signal pattern at at least one intervention point.

18. (New) A method for testing a control process in a vehicle, comprising:
 - providing a simulation model that responds to the control process to be tested;
 - superimposing an experiment software upon the simulation model;
 - forming a signal pattern between the experiment software and a component triggering for the control process;
 - dividing the signal pattern into at least two signals by using at least two intervention points, and
 - assigning the at least two signals to the signal pattern by at least one identifier.
19. (New) A computer program having program code that when executed results in a performance of the following:
 - providing a simulation model that responds to a control process to be tested;
 - superimposing an experiment software upon the simulation model;
 - forming a signal pattern between the experiment software and a component triggering for the control process;
 - dividing the signal pattern into at least two signals by using at least two intervention points, and
 - assigning the at least two signals to the signal pattern by at least one identifier.
20. (New) A computer program having program code that is stored on a machine-readable carrier and that when executed results in a performance of the following:
 - providing a simulation model that responds to a control process to be tested;
 - superimposing an experiment software upon the simulation model;
 - forming a signal pattern between the experiment software and a component triggering for the control process;
 - dividing the signal pattern into at least two signals by using at least two intervention points, and
 - assigning the at least two signals to the signal pattern by at least one identifier.